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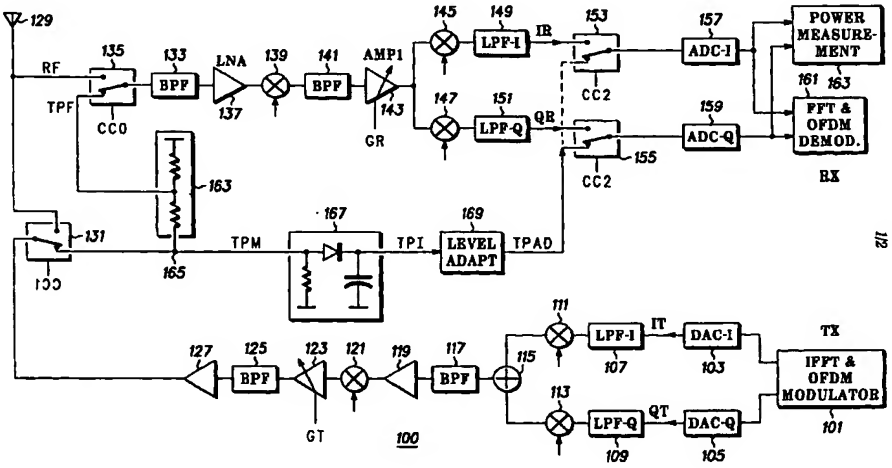
(54) Title: TRANSMITTER AND RECEIVER GAIN CALIBRATION BY MEANS OF FEEDBACK IN A TRANSCEIVER



(57) Abstract: The invention relates to gain calibration in a transceiver unit (100) having a transmitter unit and a receiver unit and a feed back coupling (165) between these. A signal level measurement unit (163) measures signal levels of a feedback signal through either the receiver unit or through a signal level detector (167). A reference signal level of the feedback signal is set by adjusting the transmitter unitl the signal level measurement unit (163) measures a predefined value when connected through the signal level detector (167). An absolute value of the transmitter gain is then calibrated. The signal level measurement unit (163) is connected through the receiver unit and the absolute gain of the receiver is calibrated. A gain is changed either in the receiver or the transmitter unit. The relative signal level change of the feedback signal is measured and used to calibrate the gain step.

WO 2004/015895 A1